

IN THE UNITED STATES PATENT & TRADEMARK OFFICE

In Re

Patent Application of

Haslam, James Henry

Serial No. 10/549,519

Filed September 14, 2005

"Improvements in and Relating to
Trailer Coupling"

Confirmation No. 1344

PETITION UNDER 37 CFR 1.181 TO WITHDRAW HOLDING OF ABANDONMENT

Office of Petitions
Mail Stop Petition
Commissioner for Patents
PO Box 1450
Alexandria VA 22313-1450

Dear Sir:

The above patent application was submitted under 35 U.S.C. 371 on September 14, 2005. The application was submitted without a Declaration. We, Applicant's attorneys, were waiting for the Notification of Missing Requirements before submitting the Declaration. Periodically, we checked the status of this application on Private PAIR to see if a Notification had been issued. All of these status checks indicated a status of "Application Undergoing Preexam Processing." We further checked under "Image File Wrapper" and saw that no Notification of Missing Requirements had been issued.

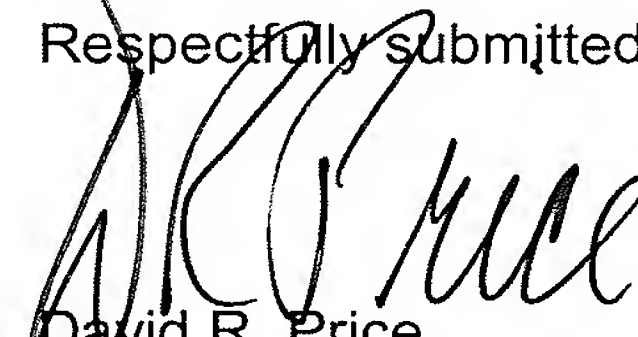
On approximately August 13, 2007, we again checked the status on PAIR and noticed under "Transaction History" the notation that on 4-25-2006 a "Notice of DO/EO Missing Requirements" was mailed. We never received this Notice. A search of the file jacket and docket records indicates that the Office communication was not received. Attached is a copy of our docket record where the non-received Notice of Missing Requirements would have been entered had it been received and docketed. (The attached report, dated June 23, 2006, shows all actions due for the undersigned on June 25, 2006, when the response to the Notice would have been due.)

Even though the extendable period for response expired in October 2006, PAIR still indicated in August 2007 that the application was not abandoned and was undergoing preexam processing, as shown on the attached copy of a screen shot taken August 20, 2007 from Private PAIR. As of that date the application was not abandoned and there was no Notification of Missing Requirements listed in the Image File Wrapper.

After discovering that a Notice of Missing Requirements may have been mailed, we then called the PCT branch of the PTO and requested a copy of the Notice. The PTO faxed us a copy. On August 23, 2007 we contacted Ms. Kidwell, who signed the Notification of Missing Requirements, asking if a new Notification of Missing Requirements could be mailed. We also spoke with Ms. Short, Ms. Kidwell's supervisor. She said the PTO could not issue a new Notification of Missing Requirements, but would issue a Notice of Abandonment. We eventually received the Notification of Abandonment dated August 24, 2007.

Applicant's attorneys hereby request withdrawal of the holding of abandonment. Enclosed with this petition, in response to the Notification of Missing Requirements, is the declaration of the inventors. Please charge \$65 to Deposit Account 13-3080 in payment of the surcharge for late submission. Should any additional fees be due, please also charge this deposit account.

Respectfully submitted,



David R. Price
Reg. No. 31,557

Customer No. 023409
Michael Best & Friedrich LLP
100 East Wisconsin Avenue
Milwaukee, WI 53202
414-271-6560

013344-9061

Friday, June 23, 2006

Due Date List By Attorney

Page: 53

Patent System

From 6/24/2006 to 6/26/2006

DRP

David R. Price

Due Date / Date Type	Action Type / Action Due	Case Number / Sub Case / Country / Case Type	Vol. No.	Status	Application No. / Filing Date	Patent No. / Granted	Atty(s)
-------------------------	-----------------------------	---	----------	--------	----------------------------------	-------------------------	---------

24-Jun-2006	File Opened	010121-8060		Matter Opened			DRP
-------------	-------------	-------------	--	---------------	--	--	-----

Due Date	Status Check	United States of America					TJO
----------	--------------	--------------------------	--	--	--	--	-----

Resp. Off.: MI

Base Date: 24-Mar-2006

Client Ref.: EPC

Client: 010121

Title: STUDY OF METHODS OF CONNECTING ROTOR TO SHAFT

- ☐ Sent _____ (date) ✓
☐ Move _____ mos.(s)
☐ In process, will submit a Response Completed Form
☒ Remove item (explanation) _____
☐ Abandon file (submit file to Docketing)
☐ Matter Closed - Remove all dates on docket
☐ Other: _____

24-Jun-2006	Check if CON/DIV Desired	010121-9911	001	Allowed	10/662052		DRP
-------------	--------------------------	-------------	-----	---------	-----------	--	-----

Reminder	CON/DIV Desired (due in 1 mo.)	United States of America			12-Sep-2003		TAM
----------	--------------------------------	--------------------------	--	--	-------------	--	-----

Resp. Off.: MI

Conf No.: 8331

Base Date: 24-Apr-2006

Client Ref.: EPCC

Client: 010121

Title: FIXED SPEED DRIVE

CHANGE

Assignee: 010121

24-Jun-2006	US-Allowance	010121-9911	001	Allowed	10/662052		DRP
-------------	--------------	-------------	-----	---------	-----------	--	-----

Reminder	Issue Fee(s) (due in 1 mo.)	United States of America			12-Sep-2003		TAM
----------	-----------------------------	--------------------------	--	--	-------------	--	-----

Resp. Off.: MI

Conf No.: 8331

Base Date: 24-Apr-2006

Client Ref.: EPCC

Client: 010121

Title: FIXED SPEED DRIVE

sluo

Assignee: 010121

16-26

Patent System

From 6/24/2006 to 6/26/2006

DRP

David R. Price

Due Date / Date Type	Action Type / Action Due	Case Number / Sub Case / Country / Case Type	Vol. No.	Status	Application No. / Filing Date	Patent No. / Granted	Atty(s)
-------------------------	-----------------------------	---	----------	--------	----------------------------------	-------------------------	---------

24-Jun-2006	Request Examination	010121-9950	001	Published	10058633.4		DRP
-------------	---------------------	-------------	-----	-----------	------------	--	-----

Reminder	Request Exam (due in 1 mo.)	China (Peoples Republic)			26-Jul-2004		JAH
----------	-----------------------------	--------------------------	--	--	-------------	--	-----

Resp.Off.: MI		ORD					SLW
---------------	--	-----	--	--	--	--	-----

Base Date: 24-Jul-2006 Client Ref.: EPCCE

Client: 010121

Title: BRUSHLESS PERMANENT MAGNET MACHINE WITH REDUCED COGGING AND TORQUE RIPPLE AND METHOD OF PRODUCING THE SAME

Remarks: See letter dated 08/30/2004

Assignee:

24-Jun-2006	Priority Document Due	010121-9956/01		Pending	PA/A/2006/004582		DRP
-------------	-----------------------	----------------	--	---------	------------------	--	-----

Reminder	Priority Doc. (due in 1mo.)	Mexico			24-Apr-2006		SLW
----------	-----------------------------	--------	--	--	-------------	--	-----

Resp.Off.: MI		ORD					SAJ
---------------	--	-----	--	--	--	--	-----

Base Date: 24-Jul-2006 Client Ref.: EPCCE

Client: 010121

Title: ELECTRICAL MACHINE AND METHOD OF CONTROLLING THE SAME

Remarks: See Letter Dated 04-26-06 - Due Date is 3 months as of April 24, 2006

24-Jun-2006	US-3 Mo. Office Action	013344-9047	001	Published	10/501280		DRP
-------------	------------------------	-------------	-----	-----------	-----------	--	-----

Reminder	Response (due in 1 mo.)	United States of America			09-Jul-2004		SAJ
----------	-------------------------	--------------------------	--	--	-------------	--	-----

Resp.Off.: MI		PCT			Conf No.: 5678		
---------------	--	-----	--	--	----------------	--	--

Base Date: 24-Apr-2006

Client: 013344

Title: INTERLOCKING DEVICES

Assignee:

Patent System

From 6/24/2006 to 6/26/2006

DRP

David R. Price

Due Date / Date Type	Action Type / Action Due	Case Number / Sub Case / Country / Case Type	Vol. No.	Status	Application No. / Filing Date	Patent No. / Granted	Atty(s)
24-Jun-2006	Request Reconsider/Petition	025234-9002/02		Published	11/158416		DRP
Due Date	Request Reconsi Follow Up Date	United States of America			22-Jun-2005		CBA
Resp.Off.: MI		CON		Conf No.: 8994			
Base Date:	26-Sep-2005						
Client:	025234						
Title:	INTERNAL COMBUSTION ENGINE						
Remarks:	Deadline to Request Reconsideration of Petition that was dismissed per CBA 09-26-05 Second Renewed Petition sent per CBA 10-24-05 PTO Received 10/26/2005.						
Assignee:							
24-Jun-2006	Correct Filing Receipt	081276-1008	001	Pending	10/250389		DRP
Due Date	Correct Filing Follow Up Date	United States of America			01-Jun-2004		SAJ
Resp.Off.: MI		PCT		Conf No.: 9653			
Base Date:	24-Aug-2004						
Client:	081276						
Title:	DEVICE FOR DETACHABLY LINKING A WIPER BLADE WITH A WIPER ARM						
Remarks:	PTO received 8-24-04 which was sent 8-24-04 per SAJ						
Assignee:	081276						

☐ Sent _____ (date)
☒ Move 1 mos.(s)
☐ In process, will submit a Response Completed Form
☐ Remove item (explanation) _____
☐ Abandon file (submit file to Docketing)
☐ Matter Closed - Remove all dates on docket
☐ Other: _____

Patent System

From 6/24/2006 to 6/26/2006

DRP

David R. Price

Due Date / Date Type	Action Type / Action Due	Case Number / Sub Case / Country / Case Type	Vol. No.	Status	Application No. / Filing Date	Patent No. / Granted	Atty(s)
24-Jun-2006	Correct Filing Receipt	081276-1017	001	Pending	10/477654		DRP
Due Date	Correct Filing Follow Up Date	United States of America			14-Nov-2003		SAJ
Resp.Off.: MI		PCT			Conf No.: 8316		
Base Date:	24-Aug-2004	Client Ref.: R303228					
Client:	081276						
Title:	WIPER SYSTEM						
Remarks:	PTO received 8-24-04 which was sent 8-24-04 per SAJ OK on PAIR 10-21-05 per DRP						
Assignee:							
24-Jun-2006	Deadline for Priority Claim(s)	081276-1078		Pending	10/573465		DRP
Reminder	Priority Claim(s) due in 1mo.	United States of America			24-Mar-2006		SAJ
Resp.Off.: MI		PCT					
Base Date:	24-Mar-2006	Client Ref.: 306676					
Client:	081276						
Title:	DEVICE FOR MAINTAINING THE POSITION OF A ROTATABLY OR DISPLACEABLY MOUNTED SHAFT						

☐ Sent _____ (date)
☒ Move 6 mos.(s)
☐ In process, will submit a Response Completed Form
☐ Remove item (explanation) _____
☐ Abandon file (submit file to Docketing)
☐ Matter Closed - Remove all dates on docket
☐ Other: _____

Remove

6.26

Patent System

From 6/24/2006 to 6/26/2006

DRP

David R. Price

Due Date / Date Type	Action Type / Action Due	Case Number / Sub Case / Country / Case Type	Vol. No.	Status	Application No. / Filing Date	Patent No. / Granted	Atty(s)
24-Jun-2006	File Opened	081276-9229		Unfiled			DRP
Due Date	Status Check	United States of America					RLK
Resp.Off.: MI		DSC					ACC
Base Date: 24-Mar-2006		Client Ref.: 2006/1003			<input type="checkbox"/> Sent _____ (date)		
Client: 081276					<input checked="" type="checkbox"/> Move <u>1</u> mos.(s)		
Title: HIGH-EMISSIVITY COATING ON OXYGEN SENSOR HEATERS					<input type="checkbox"/> In process, will submit a Response Completed Form		
					<input type="checkbox"/> Remove item (explanation) _____		
					<input type="checkbox"/> Abandon file (submit file to Docketing)		
					<input type="checkbox"/> Matter Closed - Remove all dates on docket		
					<input type="checkbox"/> Other: _____		
24-Jun-2006	File Opened	081276-9230		Unfiled			DRP
Due Date	Status Check	United States of America					RLK
Resp.Off.: MI		DSC					ACC
Base Date: 24-Mar-2006		Client Ref.: 2006/1002			<input type="checkbox"/> Sent _____ (date)		
Client: 081276					<input checked="" type="checkbox"/> Move <u>1</u> mos.(s)		
Title: IMPROVED HEATER-TO-THIMBLE TRANSFER OF OXYGEN SENSOR ASSEMBLY					<input type="checkbox"/> In process, will submit a Response Completed Form		
					<input type="checkbox"/> Remove item (explanation) _____		
					<input type="checkbox"/> Abandon file (submit file to Docketing)		
					<input type="checkbox"/> Matter Closed - Remove all dates on docket		
					<input type="checkbox"/> Other: _____		

CA
6/26

Patent System

From 6/24/2006 to 6/26/2006

DRP

David R. Price

Due Date / Date Type	Action Type / Action Due	Case Number / Sub Case / Country / Case Type	Vol. No.	Status	Application No. / Filing Date	Patent No. / Granted	Atty(s)
25-Jun-2006	US-Allowance	010121-9825/02	003	Allowed	10/369421		DRP
Due Date	US-Allowance Follow Up Date	United States of America			18-Feb-2003		DSJ
Resp.Off.: MI		CIP		Conf No.: 7154			
Base Date:	27-Jan-2005	Client Ref.: WPCC					
Client:	010121						
Title:	ROOFTOP WATER HEATER						
Remarks:	The drawings filed on 2-18-03 are accepted by the examiner. Paid fees 4-25-05 per DRP PTO received fees 4-27-05 OK on PAIR per DRP 12/23/2005 <i>6/23/06</i>						
Assignee:	[REDACTED]						
25-Jun-2006	National Phase-30mo.	010121-9828/01	002	Published	2005/010076		DRP
Reminder	Nat.Phase-30mo.(due in 3 mos.)	Patent Cooperation Treaty			25-Mar-2005		JAH
Resp.Off.: MI		ORD					SLW
Base Date:	25-Mar-2004	Client Ref.: WPCB					
Client:	010121						
Title:	PROPORTIONAL BAND TEMPERATURE CONTROL FOR ONE OR MORE HEATING ELEMENTS						

- ☐ Sent _____ (date)
☒ Move 2 mos.(s)
☐ In process, will submit a Response Completed Form
☐ Remove item (explanation) _____
☐ Abandon file (submit file to Docketing)
☐ Matter Closed - Remove all dates on docket
☐ Other: _____

6/26

Patent System

From 6/24/2006 to 6/26/2006

DRP

David R. Price

Due Date / Date Type	Action Type / Action Due	Case Number / Sub Case / Country / Case Type	Vol. No.	Status	Application No. / Filing Date	Patent No. / Granted	Atty(s)
25-Jun-2006	Assignment Due	010121-9956		Pending	PA/A/2006/004530		DRP
Due Date	Assignment Due	Mexico			24-Apr-2006		SLW
Resp.Off.: MI		PCT					SAJ
Base Date: 25-May-2006							
Client: 010121							
Title: ELECTRICAL MACHINE AND METHOD OF CONTROLLING THE SAME							
Remarks: See Letter dated 04-25-06 - No Due Date Specified							
<input type="checkbox"/> Sent _____ (date) <input type="checkbox"/> Move _____ mos.(s) <input checked="" type="checkbox"/> In process, will submit a Response Completed Form <input type="checkbox"/> Remove item (explanation) _____ <input type="checkbox"/> Abandon file (submit file to Docketing) <input type="checkbox"/> Matter Closed - Remove all dates on docket <input type="checkbox"/> Other: _____							
25-Jun-2006	Declaration Re: Inventor	010121-9956		Pending	PA/A/2006/004530		DRP
Due Date	Declaration Re: Inventor	Mexico			24-Apr-2006		SLW
Resp.Off.: MI		PCT					SAJ
Base Date: 25-May-2006							
Client: 010121							
Title: ELECTRICAL MACHINE AND METHOD OF CONTROLLING THE SAME							
Remarks: See Letter Dated 4-25-06 - No Due Date Specified							
<input type="checkbox"/> Sent _____ (date) <input type="checkbox"/> Move _____ mos.(s) <input checked="" type="checkbox"/> In process, will submit a Response Completed Form <input type="checkbox"/> Remove item (explanation) _____ <input type="checkbox"/> Abandon file (submit file to Docketing) <input type="checkbox"/> Matter Closed - Remove all dates on docket <input type="checkbox"/> Other: _____							

6/26/06

Patent System

From 6/24/2006 to 6/26/2006

DRP

David R. Price

Due Date / Date Type	Action Type / Action Due	Case Number / Sub Case / Country / Case Type	Vol. No.	Status	Application No. / Filing Date	Patent No. / Granted	Atty(s)
25-Jun-2006	Declaration Re: Missing Invent	010121-9956		Pending	PA/A/2006/004530		DRP
Due Date	Declaration Re: Missing Invent	Mexico			24-Apr-2006		SLW
Resp. Off.: MI		PCT					SAJ
Base Date:	25-May-2006	Client Ref.: EPCCE					
Client:	010121						
Title:	ELECTRICAL MACHINE AND METHOD OF CONTROLLING THE SAME						
Remarks:	See Letter Dated 04-25-06 - No Specific Due Date						
<input type="checkbox"/> Sent _____ (date) <input type="checkbox"/> Move _____ mos.(s) <input checked="" type="checkbox"/> In process, will submit a Response Completed Form <input type="checkbox"/> Remove item (explanation) _____ <input type="checkbox"/> Abandon file (submit file to Docketing) <input type="checkbox"/> Matter Closed - Remove all dates on docket <input type="checkbox"/> Other: _____							

25-Jun-2006	Status Check	043153-9062	001	Granted	09/857340	6621947	DRP
Due Date	Status Check	United States of America			04-Jun-2001	16-Sep-2003	SAJ
Resp. Off.: MI		PCT					KJS
Base Date:	25-May-2006						
Client:	043153						
Title:	APPARATUS AND METHOD FOR MONITORING A STRUCTURE USING A COUNTER-PROPAGATING SIGNAL METHOD FOR LOCATING EVENTS						
Remarks:	See Letter dated 5/25/2006. We propose to consider re-examination but before we file the request, please let us know whether there is any detriment in delaying a request for re-examination until a later date, or whether any delay would be prejudicial to the re-examination of the patents.						
Assignee:							
<input type="checkbox"/> Sent _____ (date) <input checked="" type="checkbox"/> Move _____ mos.(s) <input type="checkbox"/> In process, will submit a Response Completed Form <input type="checkbox"/> Remove item (explanation) _____ <input type="checkbox"/> Abandon file (submit file to Docketing) <input type="checkbox"/> Matter Closed - Remove all dates on docket <input type="checkbox"/> Other: _____							

06.24

Friday, June 23, 2006

Due Date List By Attorney

Page: 62

Patent System

From 6/24/2006 to 6/26/2006

DRP

David R. Price

Due Date / Date Type	Action Type / Action Due	Case Number / Sub Case / Country / Case Type	Vol. No.	Status	Application No. / Filing Date	Patent No. / Granted	Atty(s)
25-Jun-2006	Status Check	043153-9062/01	002	Granted	10/426114	6778717	DRP
Due Date	Status Check	United States of America			29-Apr-2003	17-Aug-2004	SAJ
Resp. Off.: MI		CON		Conf No.: 7640			KJS

Base Date: 25-May-2006

Client: 043153

Title: APPARATUS AND METHOD FOR MONITORING A STRUCTURE USING A COUNTER-PROPAGATING SIGNAL METHOD FOR LOCATING EVENTS

Remarks: See Letter dated 5/25/2006. We propose to consider re-examination but before we file the request, please let us know whether there is any detriment in delaying a request for re-examination until a later date, or whether any delay would be prejudicial to the re-examination of the patents.

- ☐ Sent _____ (date)
☒ Move 1 mos.(s)
☐ In process, will submit a Response Completed Form
☐ Remove item (explanation) _____
☐ Abandon file (submit file to Docketing)
☐ Matter Closed - Remove all dates on docket
☐ Other: _____

Assignee: [REDACTED]

25-Jun-2006	Foreign Filing	081276-9146	001	Pending	11/188318	DRP
Reminder	Foreign Filing (due in 1 mo.)	United States of America			25-Jul-2005	DCS
Resp. Off.: MI		ORD		Conf No.: 9742		SAJ

Base Date: 25-Jul-2005

Client Ref.: R310561

Client: 081276

Title: EMPTY SEAT DETECTION VIA SPECTRAL ANALYSIS

Assignee: 081276

6/26

Patent System

From 6/24/2006 to 6/26/2006

DRP

David R. Price

Due Date / Date Type	Action Type / Action Due	Case Number / Sub Case / Country / Case Type	Vol. No.	Status	Application No. / Filing Date	Patent No. / Granted	Atty(s)
25-Jun-2006	Foreign Filing	081276-9199		Pending	11/211407		DRP
Reminder	Foreign Filing (due in 2 mos.)	United States of America			25-Aug-2005		DCS
Resp. Off.: MI		ORD			Conf No.: 7067		DFP
Base Date:	25-Aug-2005						Client Ref.: R312825
Client:	081276						
Title:	VEHICLE STABILITY CONTROL SYSTEM						
Assignee:	ROBO						
26-Jun-2006	Assignment Due	010121-8015		Pending	PA/A/2006/006071		DRP
Reminder	Assignment (due in 1 mo.)	Mexico			26-May-2006		TJO
Resp. Off.: MI		ORD					JAA
Base Date:	26-Jul-2006						Client Ref.: EPCCE
Client:	010121						
Title:	ROTOR CORE WITH SPACERS						
Remarks:	See email dated 05-26-06 - The Assignment is due within two months of the filing date						
Assignee:	010121						
26-Jun-2006	Assignment Due	010121-9956/01		Pending	PA/A/2006/004582		DRP
Due Date	Assignment Due	Mexico			24-Apr-2006		SLW
Resp. Off.: MI		ORD					SAJ
Base Date:	26-May-2006						Client Ref.: EPCCE
Client:	010121						
Title:	ELECTRICAL MACHINE AND METHOD OF CONTROLLING THE SAME						
Remarks:	See Letter Dated 04-26-06 - No Due Date Specified						

- ☐ Sent _____ (date)
☐ Move _____ mos.(s)
☒ In process, will submit a Response Completed Form
☐ Remove item (explanation) _____
☐ Abandon file (submit file to Docketing)
☐ Matter Closed - Remove all dates on docket
☐ Other: _____

Patent System

From 6/24/2006 to 6/26/2006

DRP

David R. Price

Due Date / Date Type	Action Type / Action Due	Case Number / Sub Case / Country / Case Type	Vol. No.	Status	Application No. / Filing Date	Patent No. / Granted	Atty(s)
26-Jun-2006	Declaration Due	010121-9956/01		Pending	PA/A/2006/004582		DRP
Due Date	Declaration Due	Mexico			24-Apr-2006		SLW
Resp.Off.: MI		ORD					SAJ
Base Date:	26-May-2006		Client Ref.: EPCCE				
Client:	010121				<input type="checkbox"/> Sent _____ (date)		
Title:	ELECTRICAL MACHINE AND METHOD OF CONTROLLING THE SAME				<input type="checkbox"/> Move _____ mos.(s)		
Remarks:	See Letter Dated 04-26-06 -Declarations due for the following:				<input checked="" type="checkbox"/> In process, will submit a Response Completed Form		
	1) Declaration from Paul Steven testifying that the missing inventor should be considered as co-inventor				<input type="checkbox"/> Remove item (explanation) _____		
	2) Declaration from Missing Inventor				<input type="checkbox"/> Abandon file (submit file to Docketing)		
	No Due Date Specified.				<input type="checkbox"/> Matter Closed - Remove all dates on docket		
					<input type="checkbox"/> Other: _____		
26-Jun-2006	Response Due	010121-9956/01		Pending	PA/A/2006/004582		DRP
Due Date	Response Due	Mexico			24-Apr-2006		SLW
Resp.Off.: MI		ORD					SAJ
Base Date:	26-May-2006		Client Ref.: EPCCE				
Client:	010121				<input type="checkbox"/> Sent _____ (date)		
Title:	ELECTRICAL MACHINE AND METHOD OF CONTROLLING THE SAME				<input checked="" type="checkbox"/> In process, will submit a Response Completed Form		
Remarks:	See Letter Dated 04-26-06 - Serial number of non provisional patent application				<input type="checkbox"/> Remove item (explanation) _____		
					<input type="checkbox"/> Abandon file (submit file to Docketing)		
					<input type="checkbox"/> Matter Closed - Remove all dates on docket		
					<input type="checkbox"/> Other: _____		

H. 26

10/549,519 Improvements in and relating to trailer coupling

08-20-
2007::16:42:58

Bibliographic Data

Application Number:	10/549,519	Customer Number:	23409
Filing or 371 (c) Date:	-	Status:	Application Undergoing Preexam Processing
Application Type:	Utility	Status Date:	10-12-2005
Examiner Name:	-	Location:	ELECTRONIC
Group Art Unit:	3618	Location Date:	-
Confirmation Number:	1344	Earliest Publication No:	-
Attorney Docket Number:	013344-9061-00	Earliest Publication Date:	-
Class / Subclass:	280/	Patent Number:	-
First Named Inventor:	James Haslam , ,	Issue Date of Patent:	-

Title of Invention: Improvements in and relating to trailer coupling

[Close Window](#)